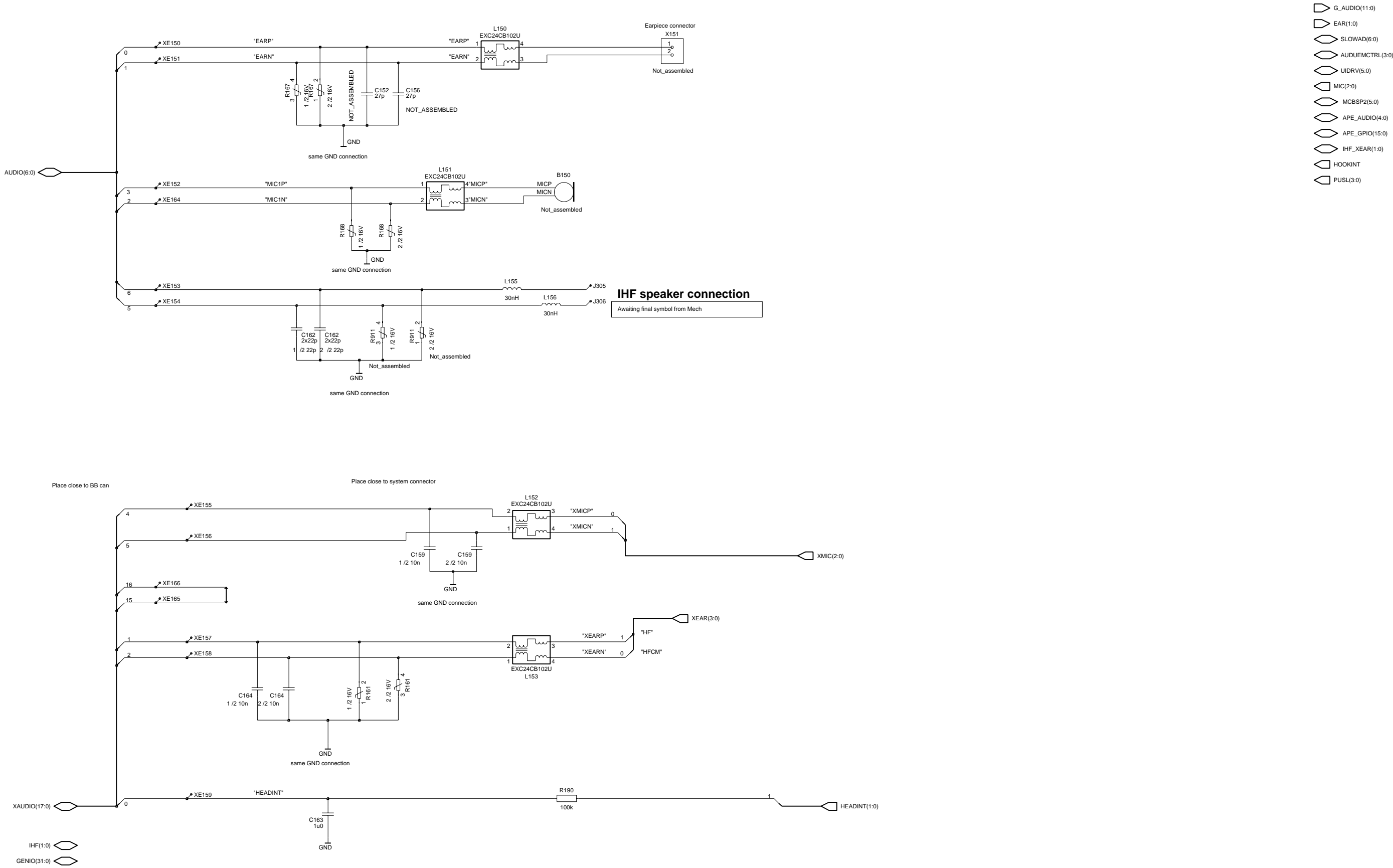
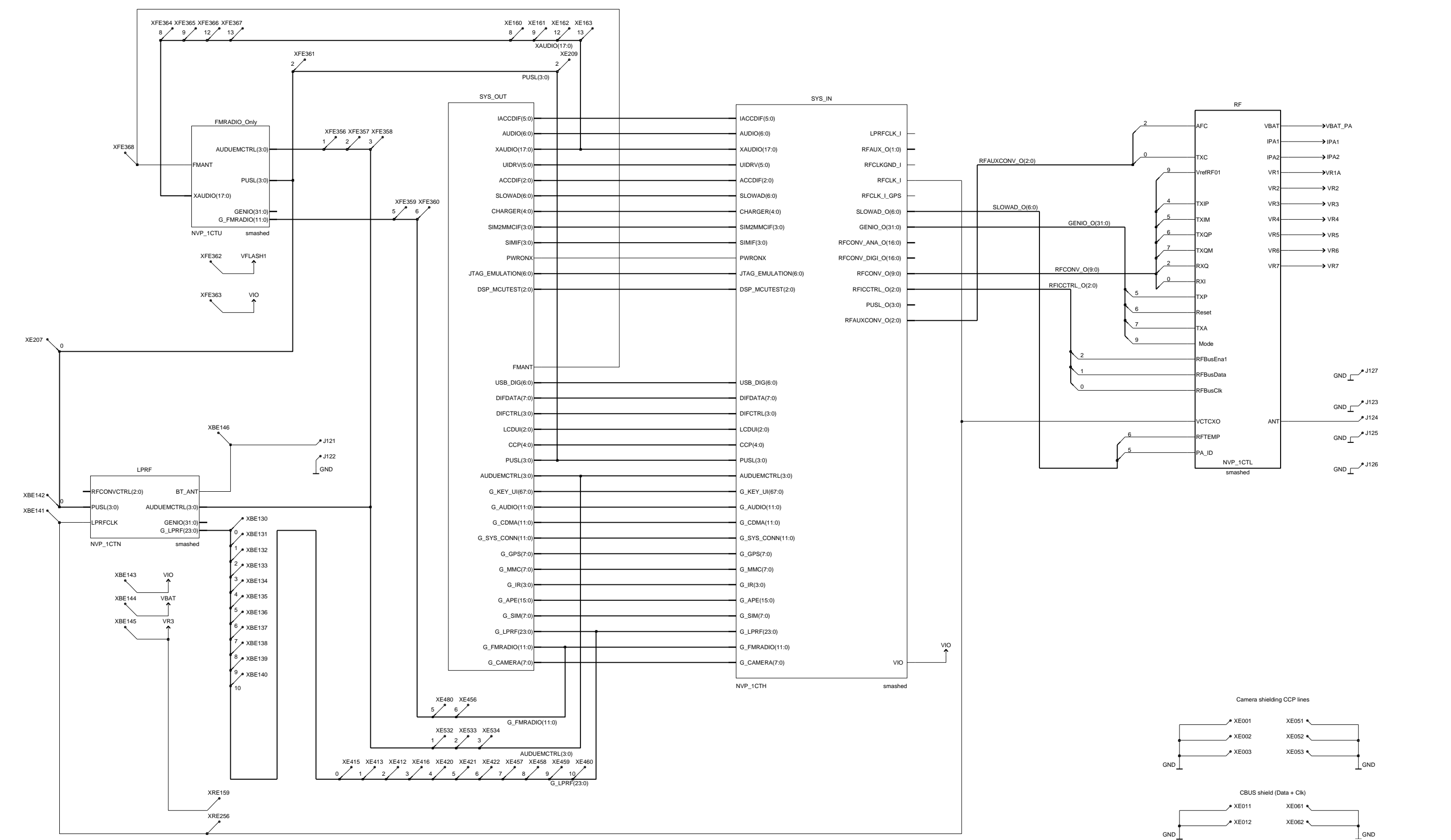


Audio

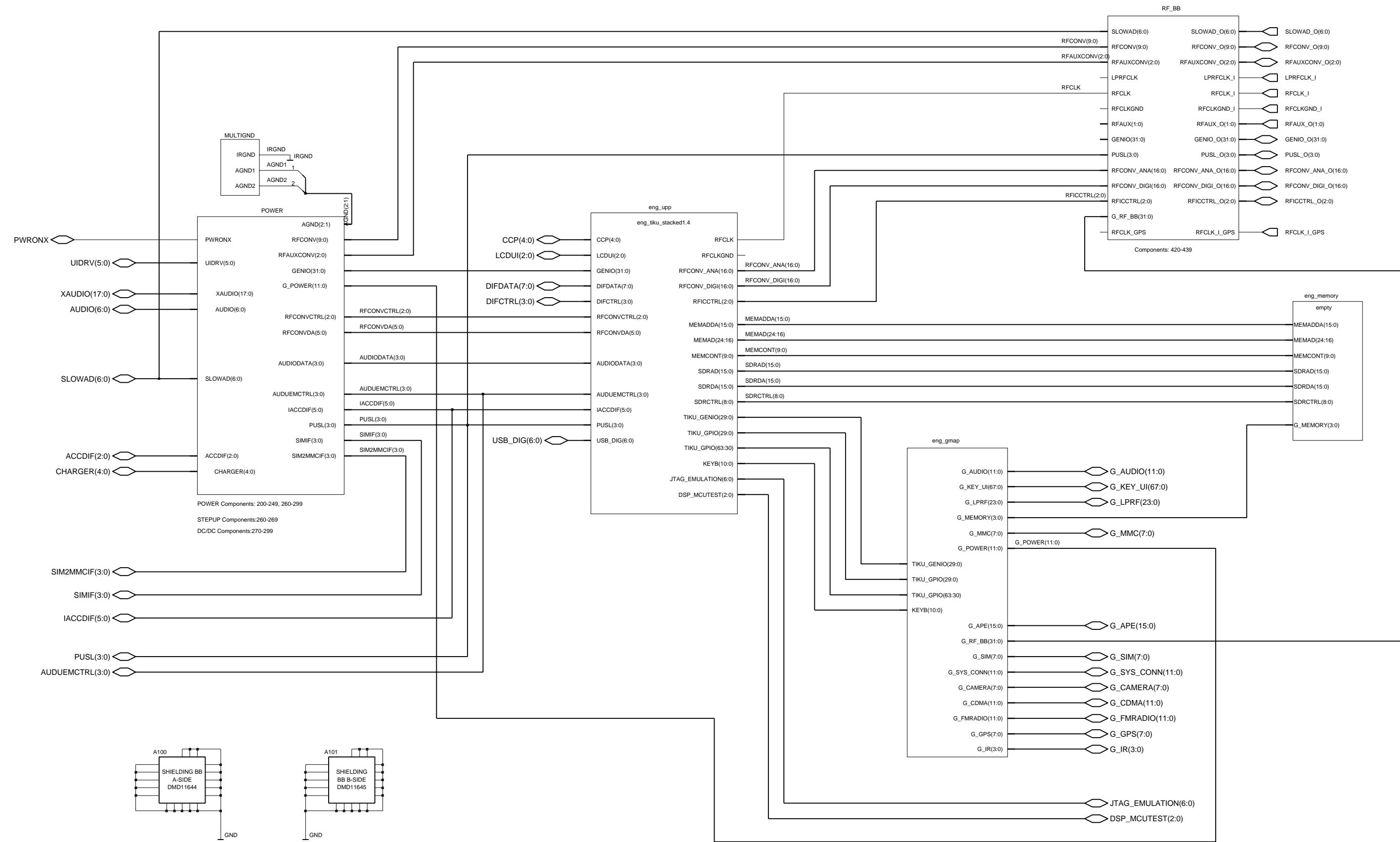




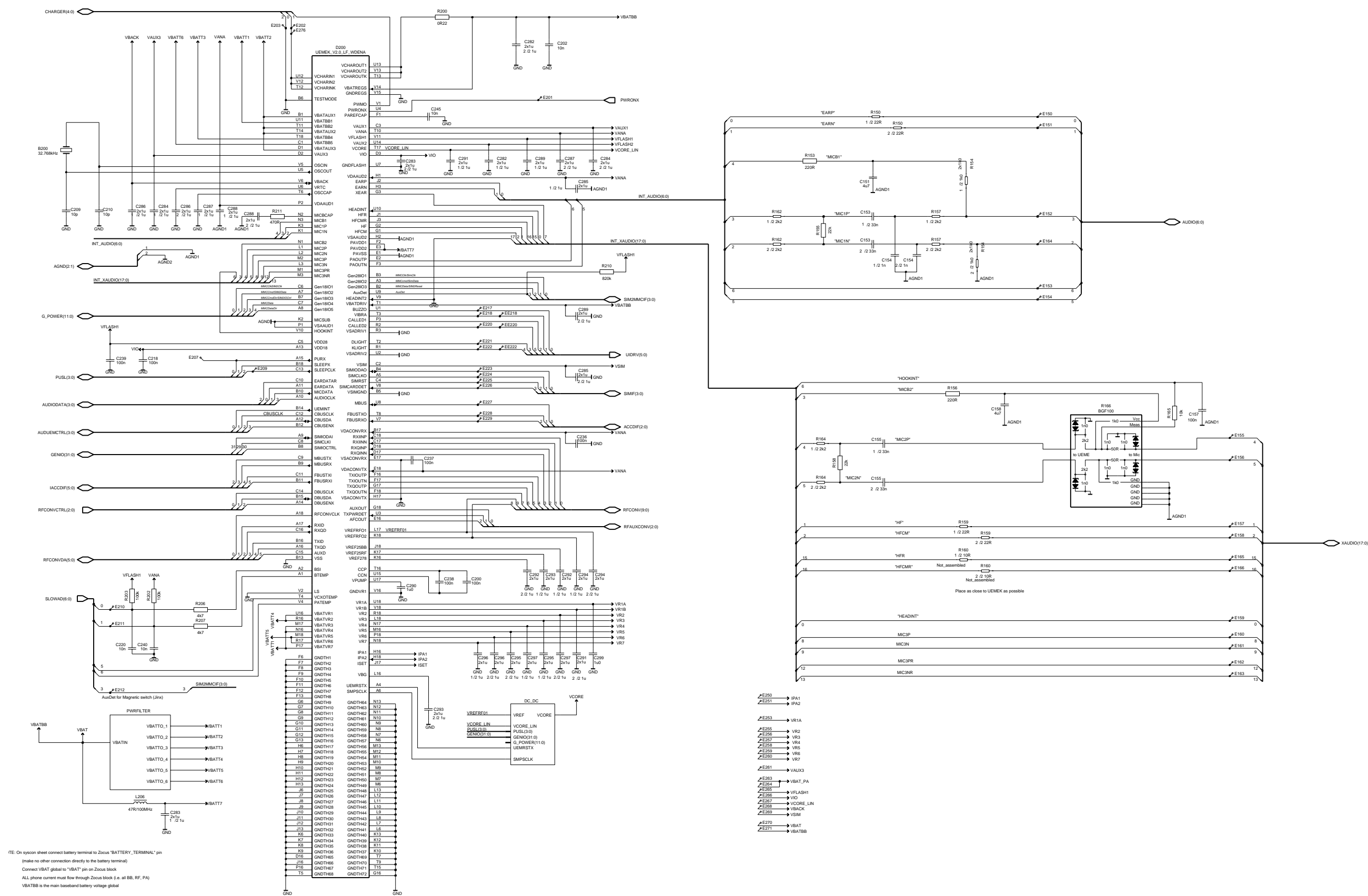
Top level



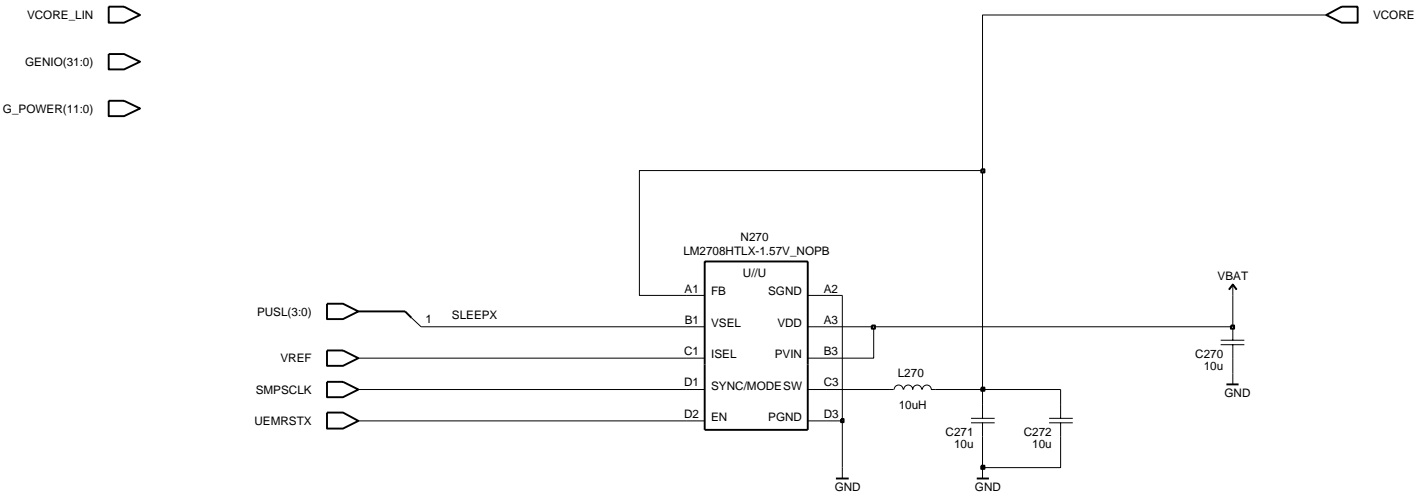
Micro BB engine

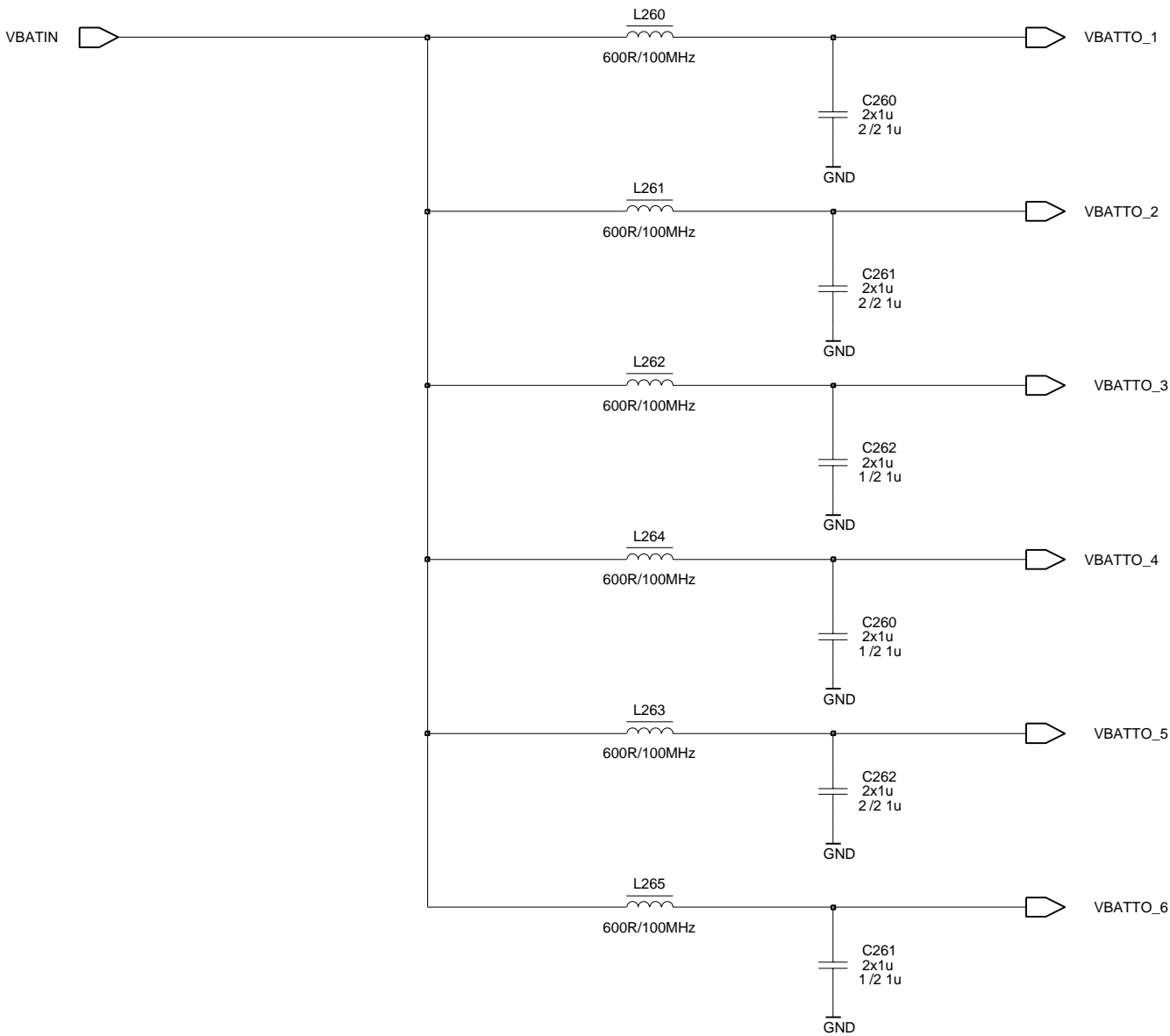






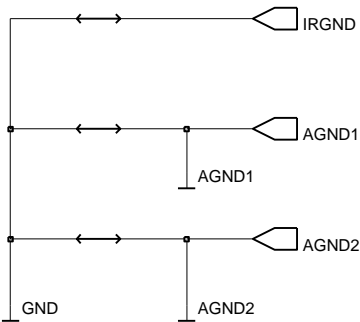
DC-DC for Tiku





NOTE: This sheet uses dual 1uF capacitors. Check that full approval has been granted for these parts before use, or use this sheet at risk





Flash memory

MEMAD(24:16)



G\_MEMORY(3:0)



MEMCONT(9:0)



SDRAD(15:0)



SDRCTRL(8:0)



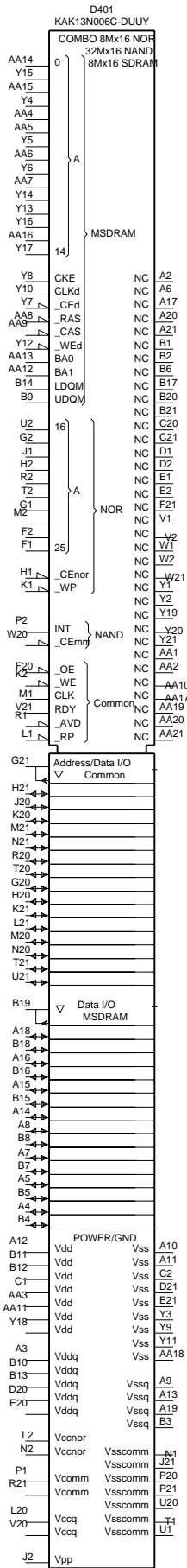
SDRDA(15:0)

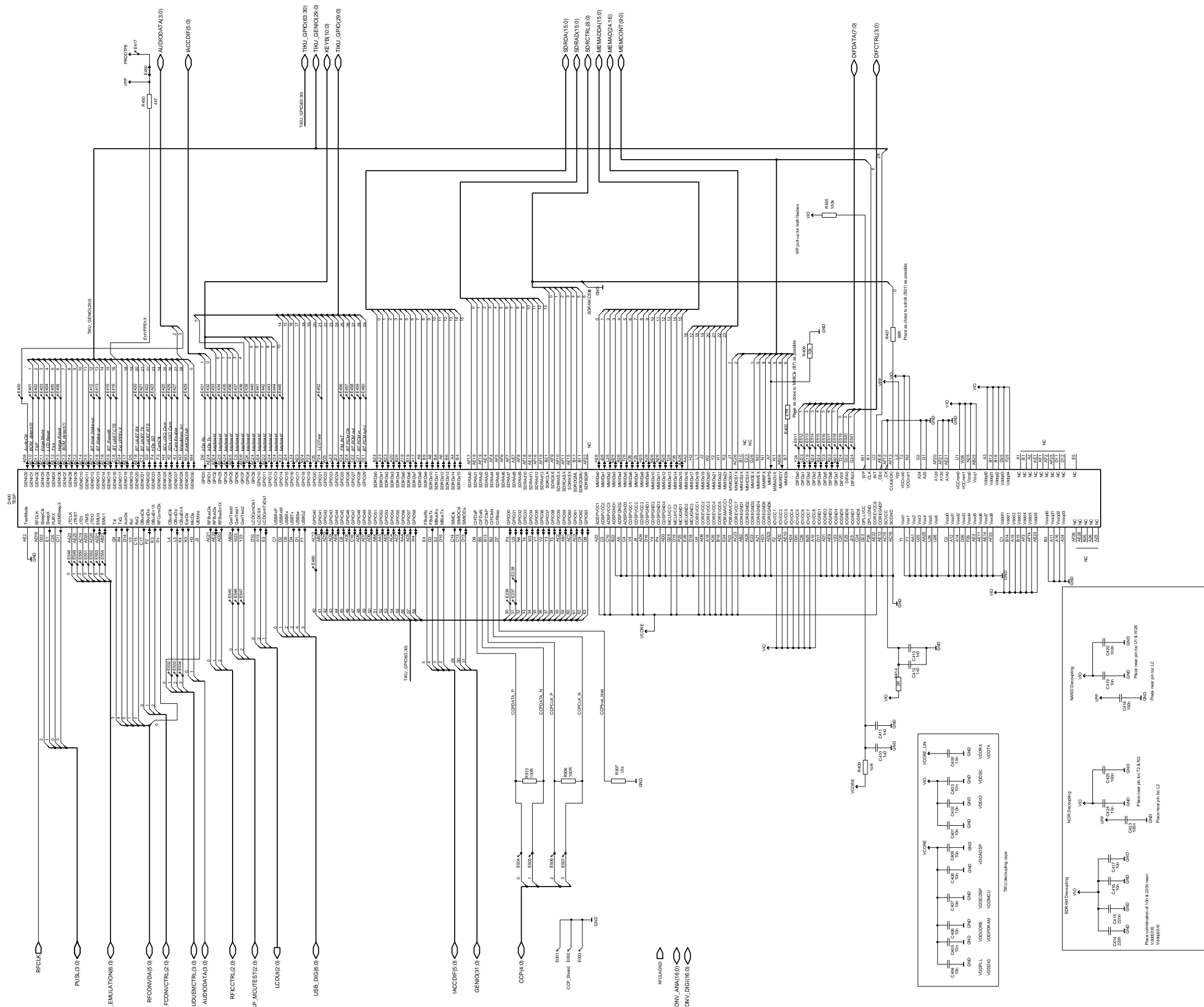


MEMAD(24:16)

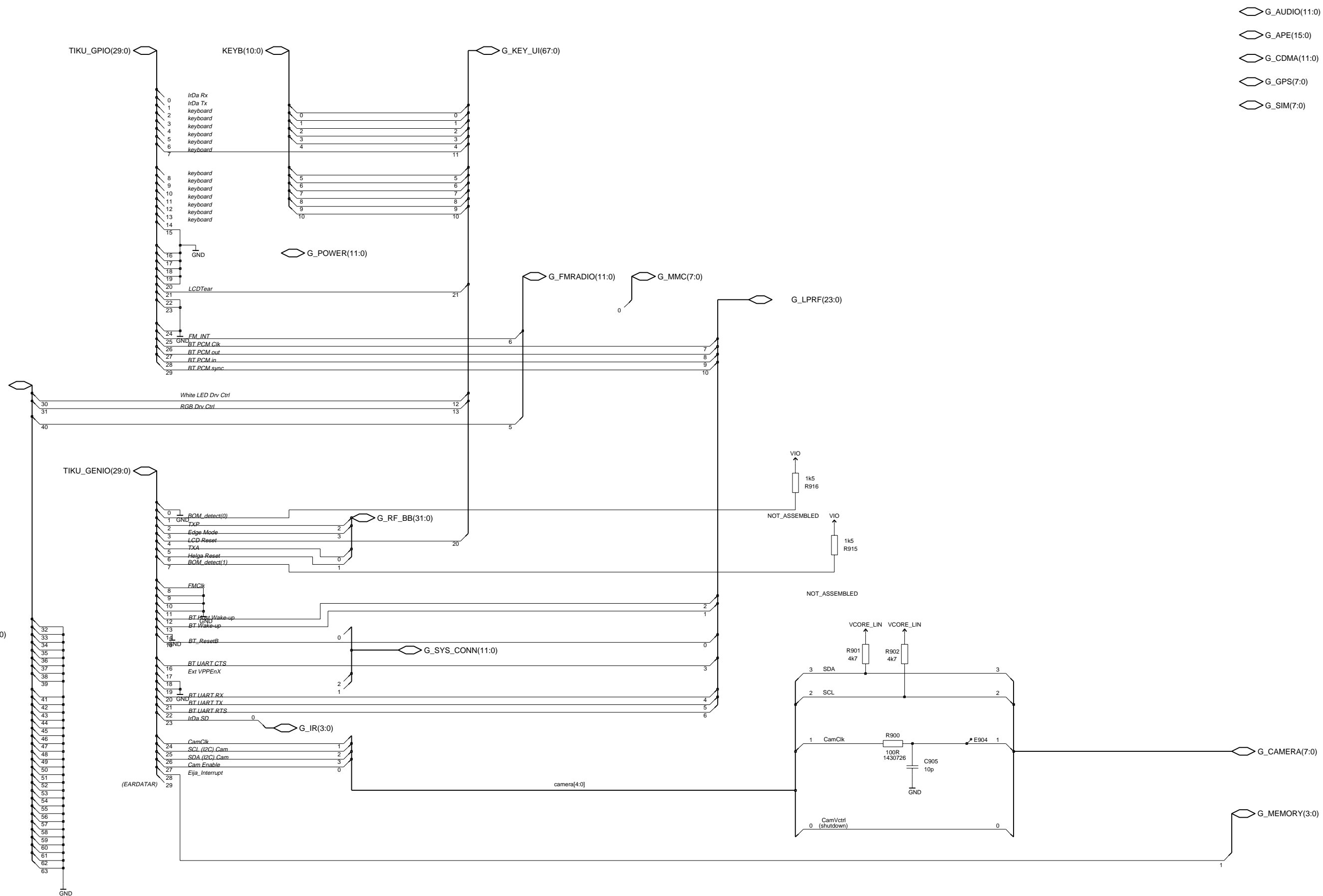


MEMADDA(15:0)

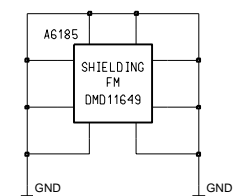


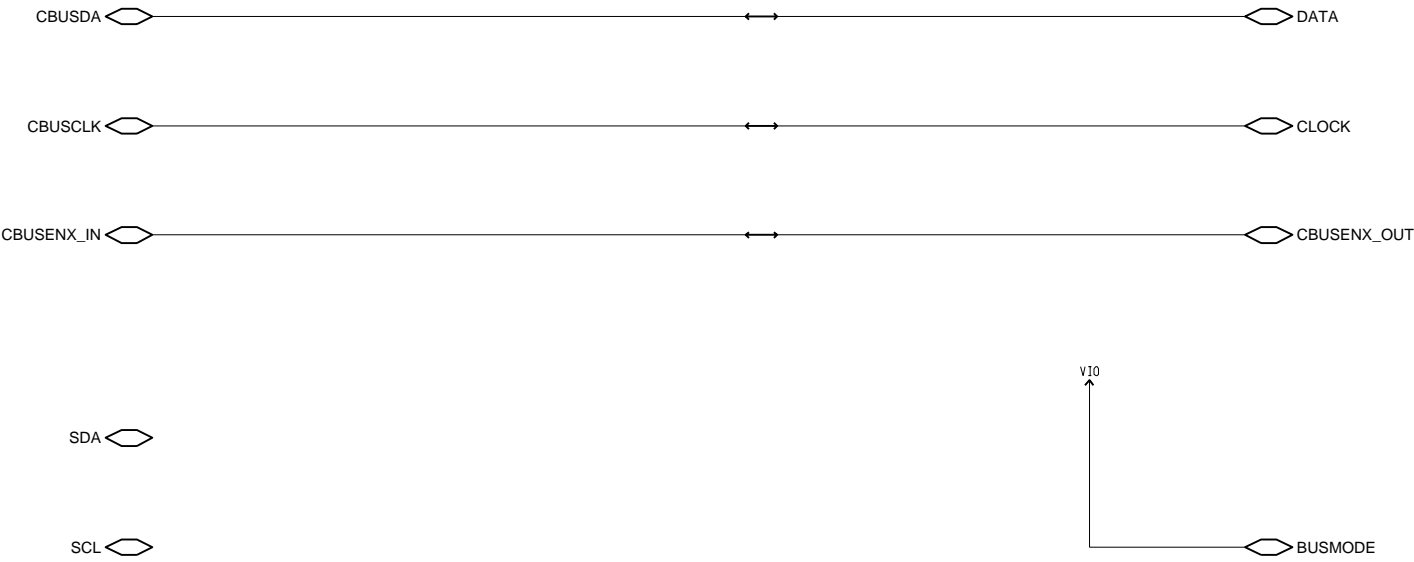


# TIKU GPIO & GENIO BUSES

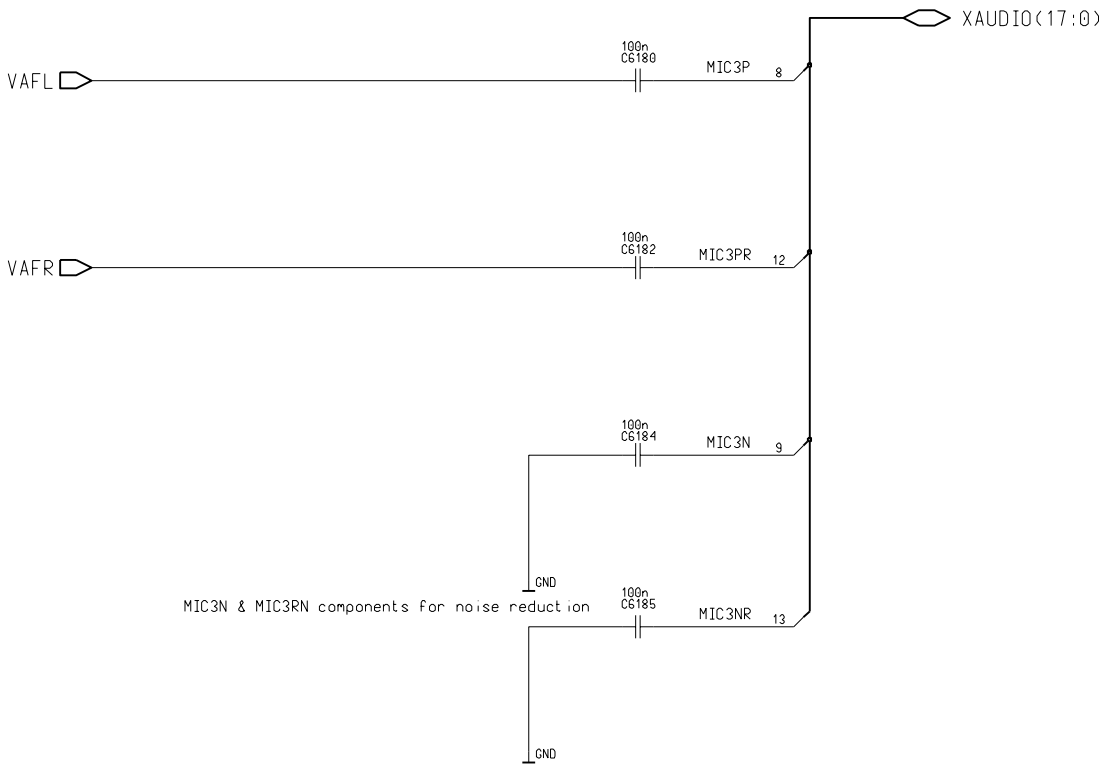


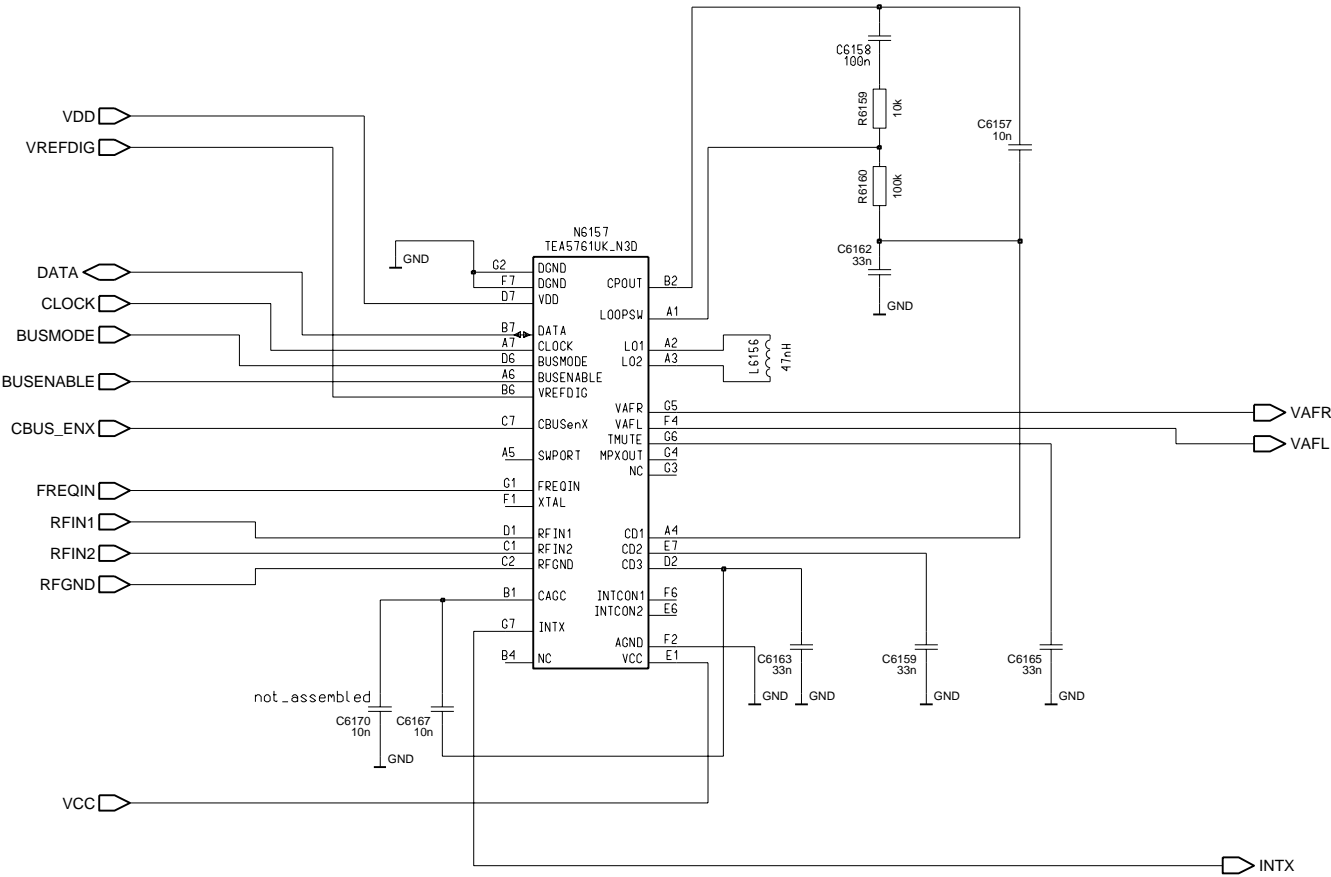
## Page A-13





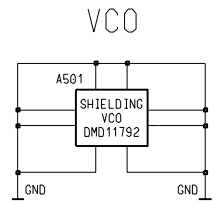
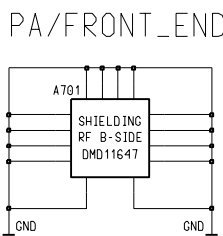
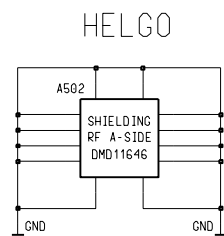
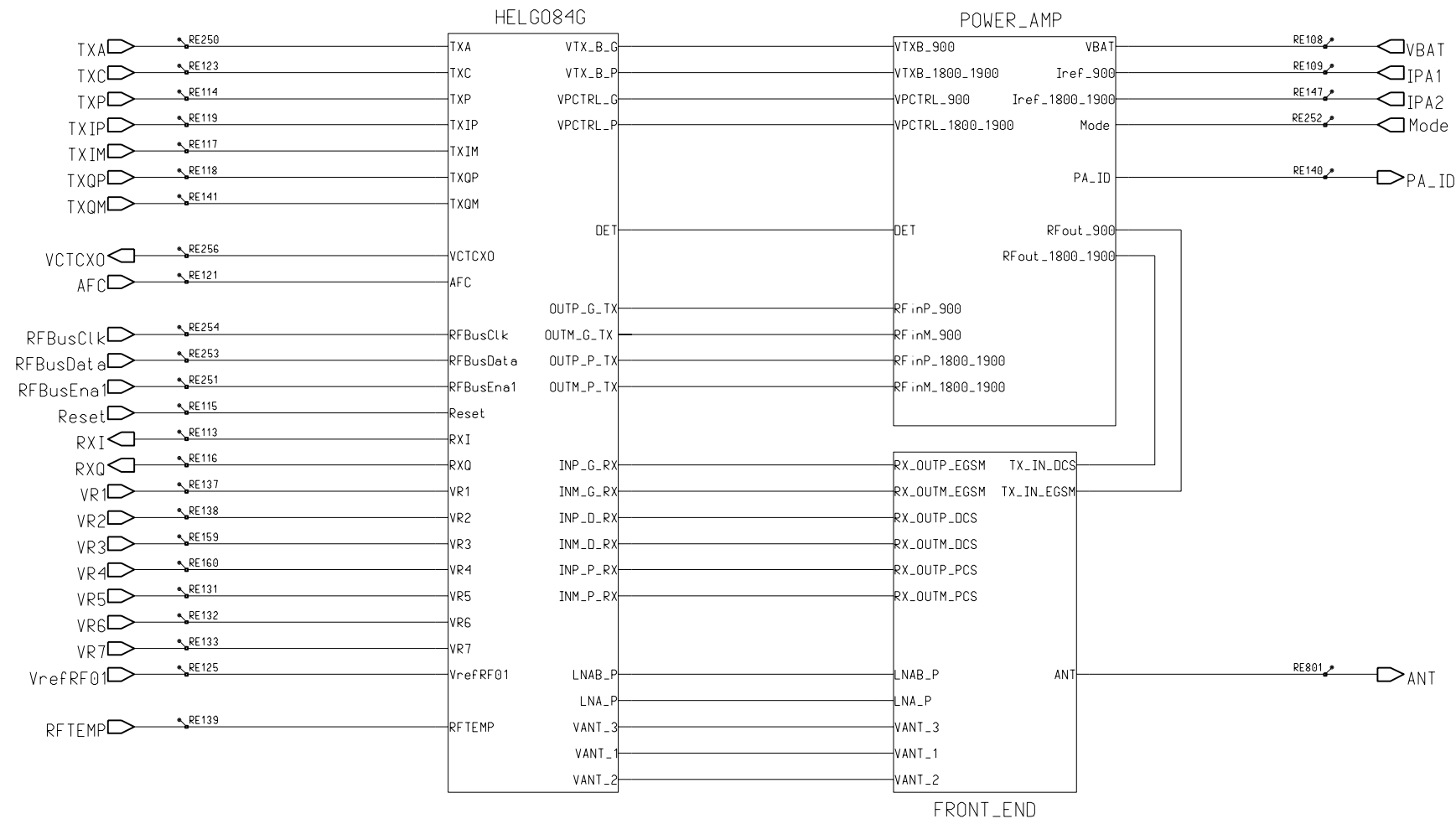
Differential stereo



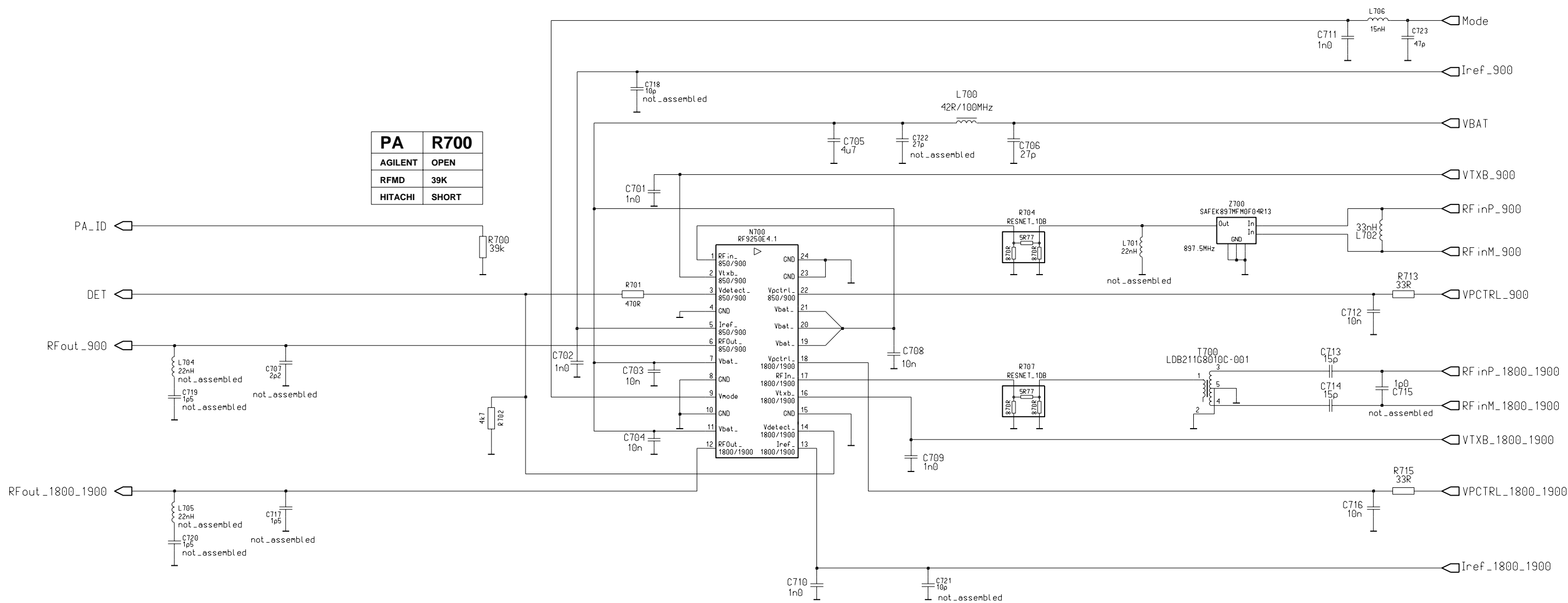




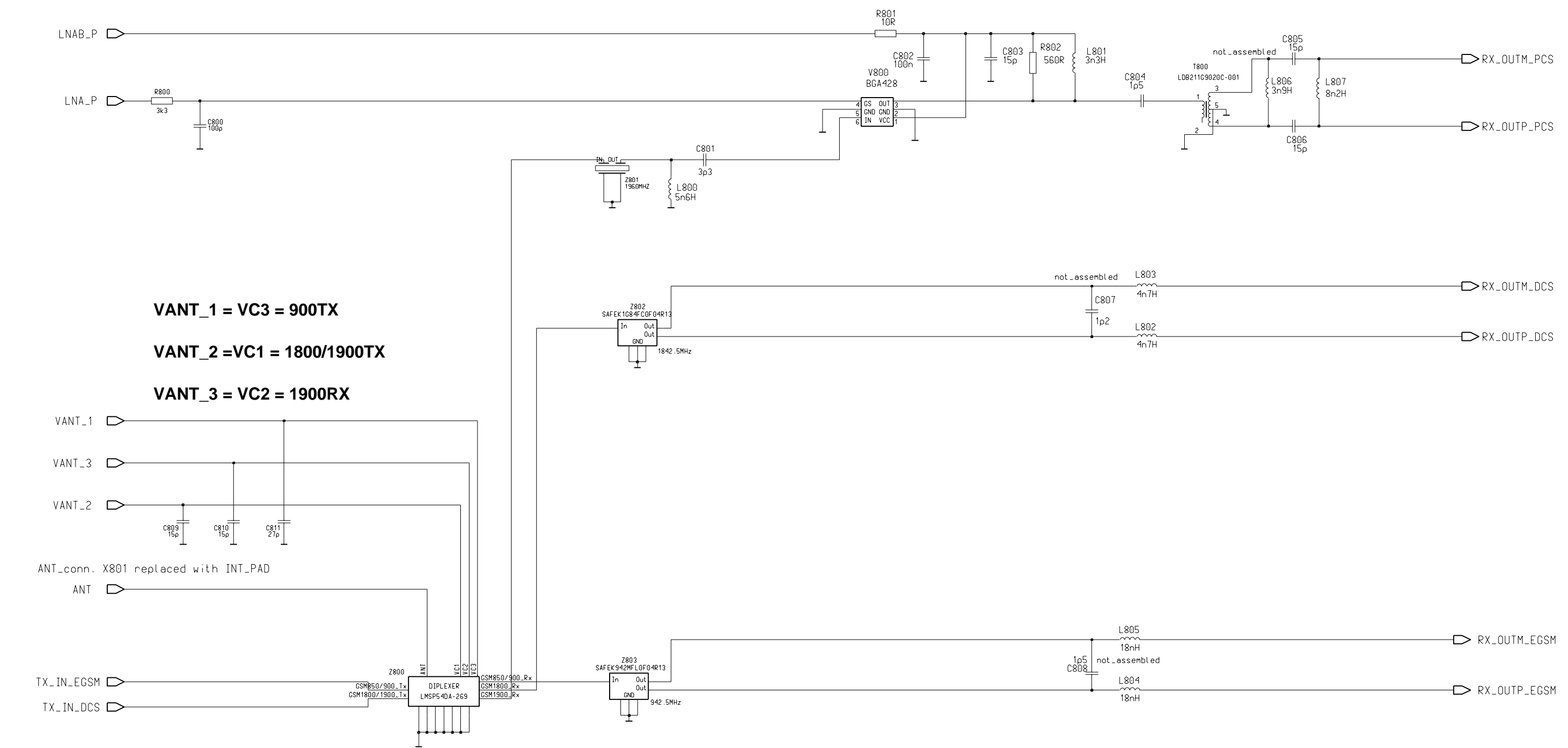
RF top level

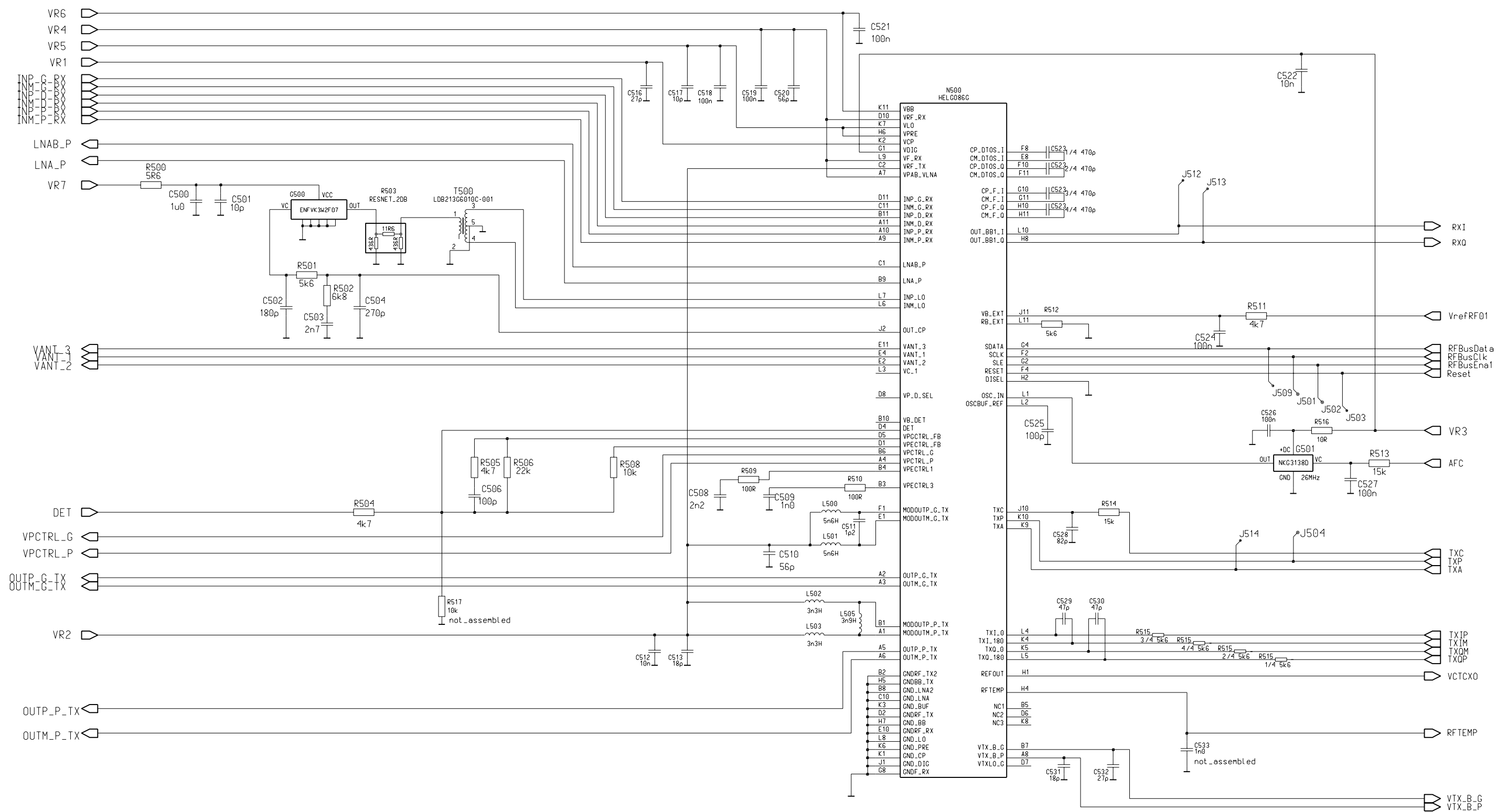


Power amplifier and detection

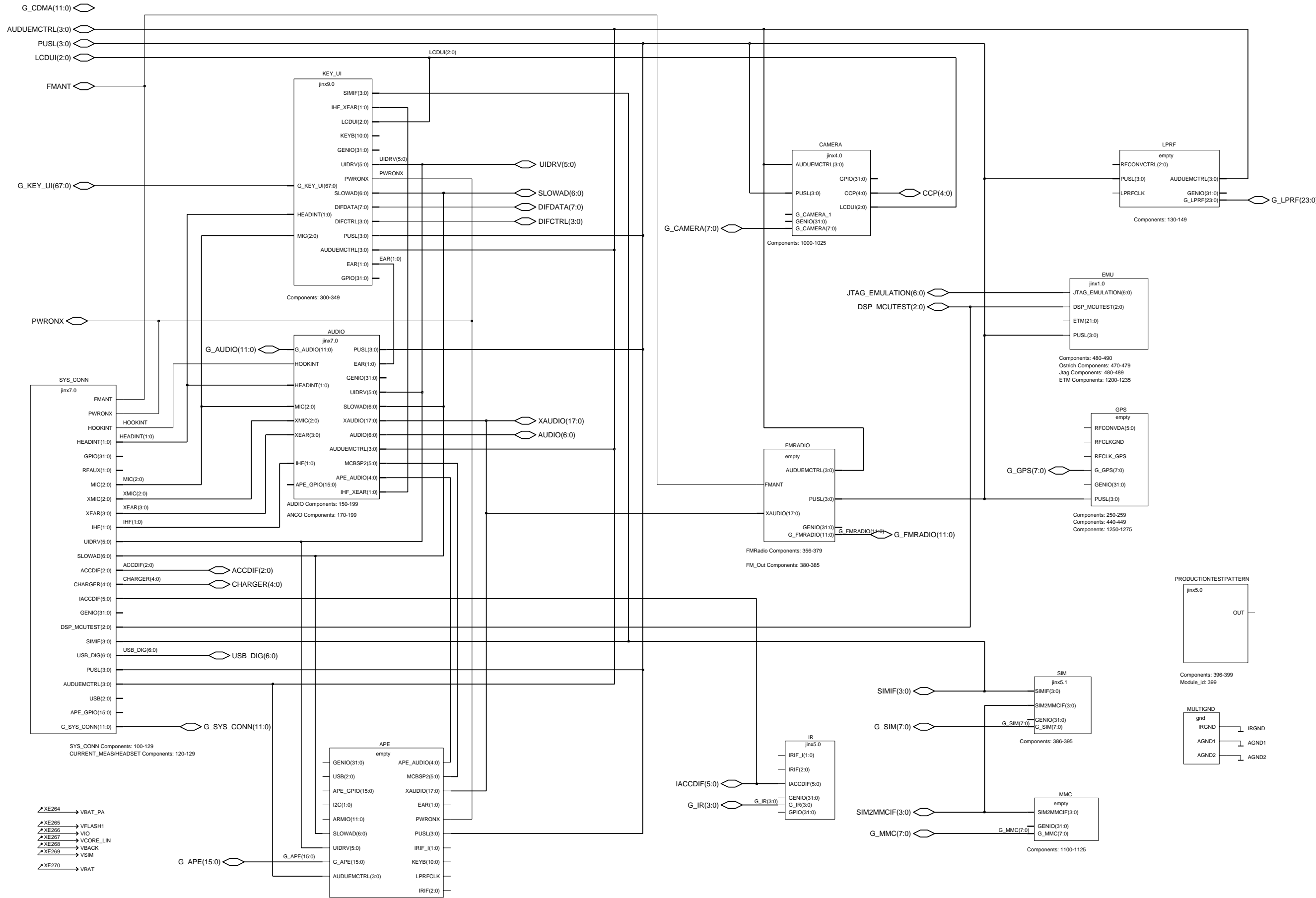


RX front end and antenna switch

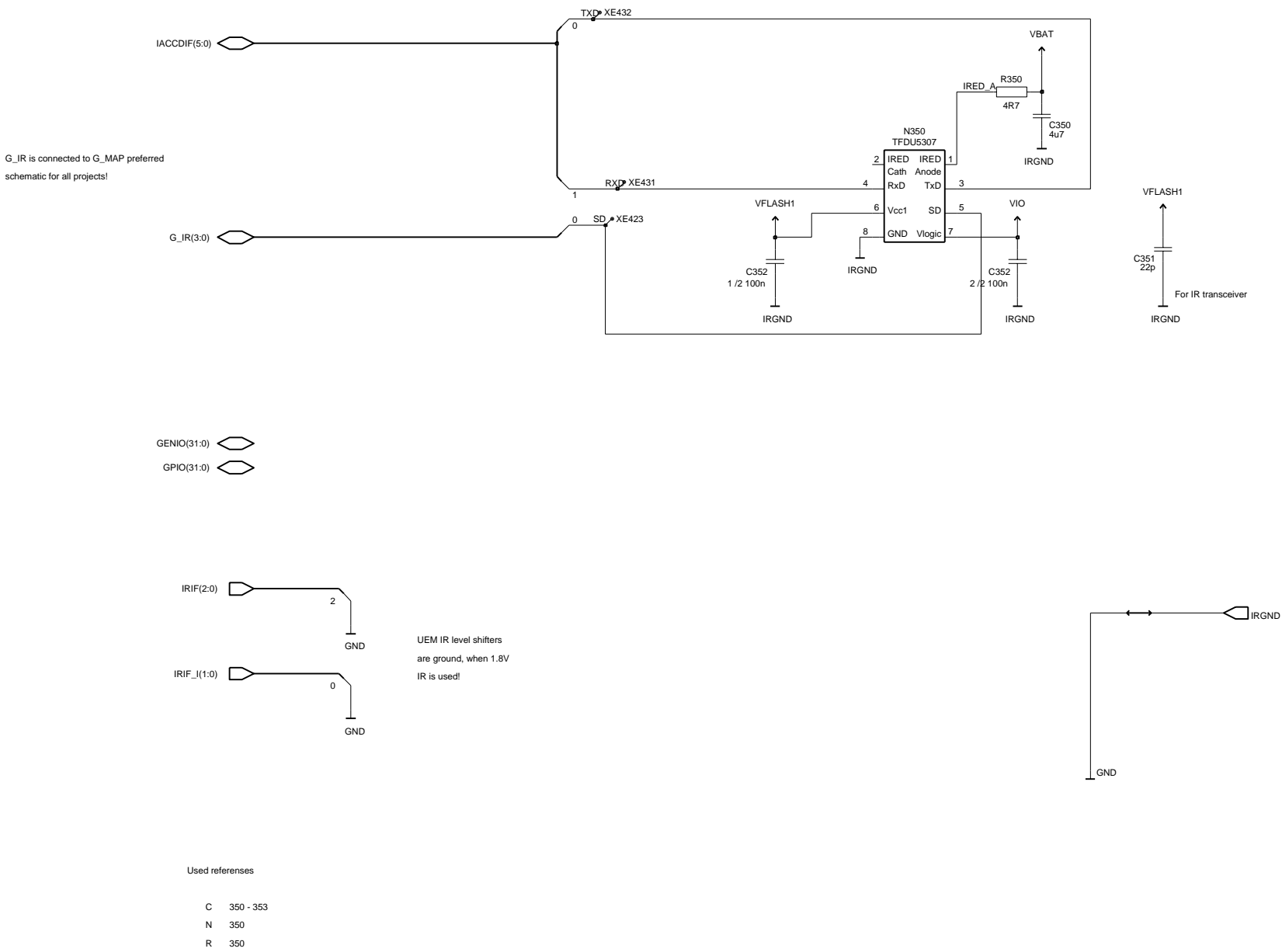


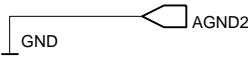
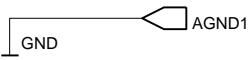
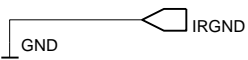


Micro BB top levely

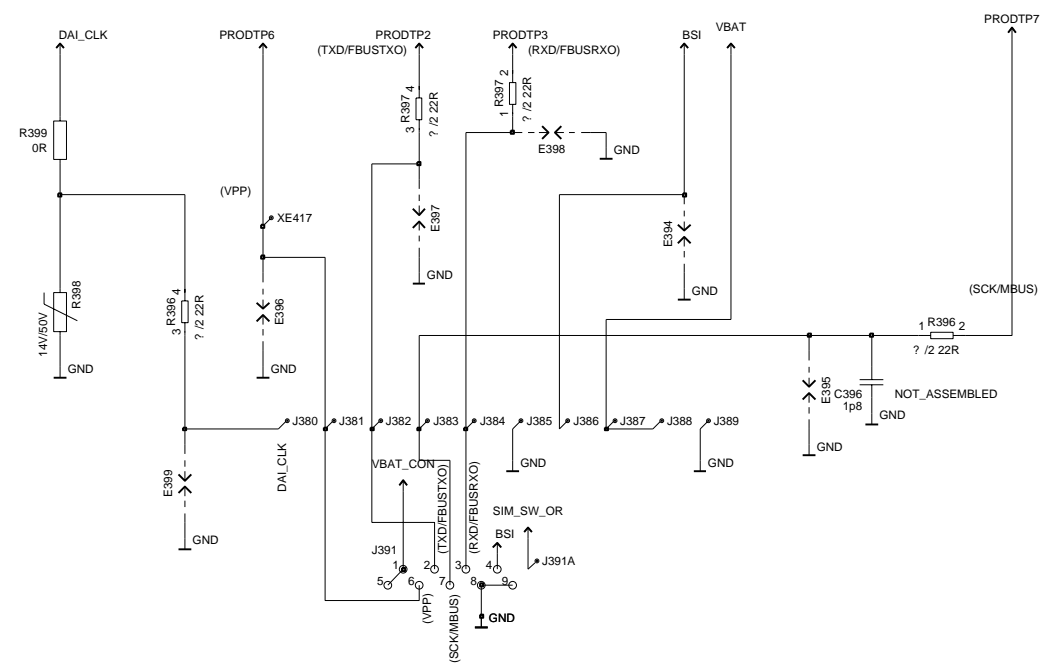


IR module





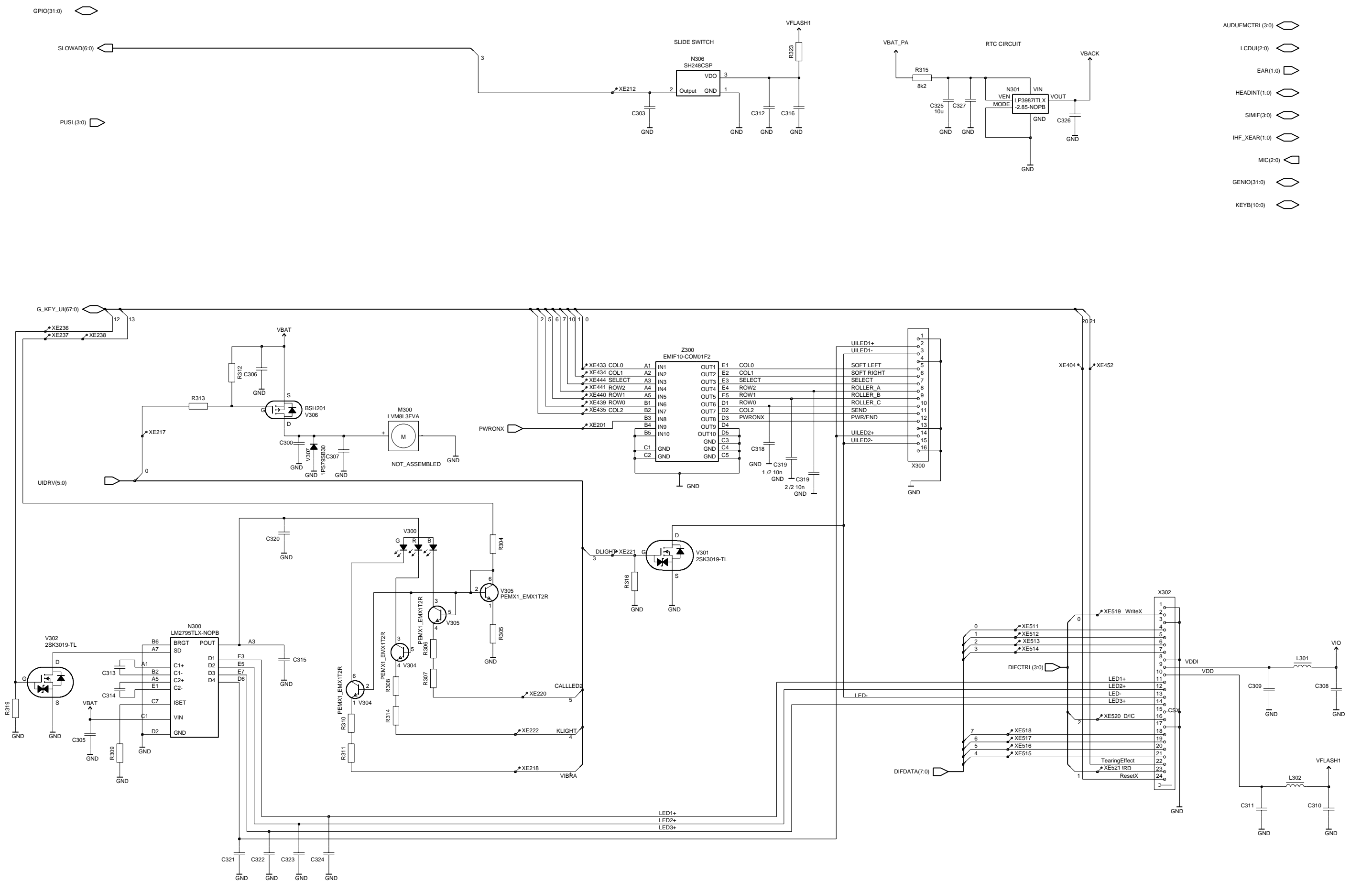
5 pin production test pattern

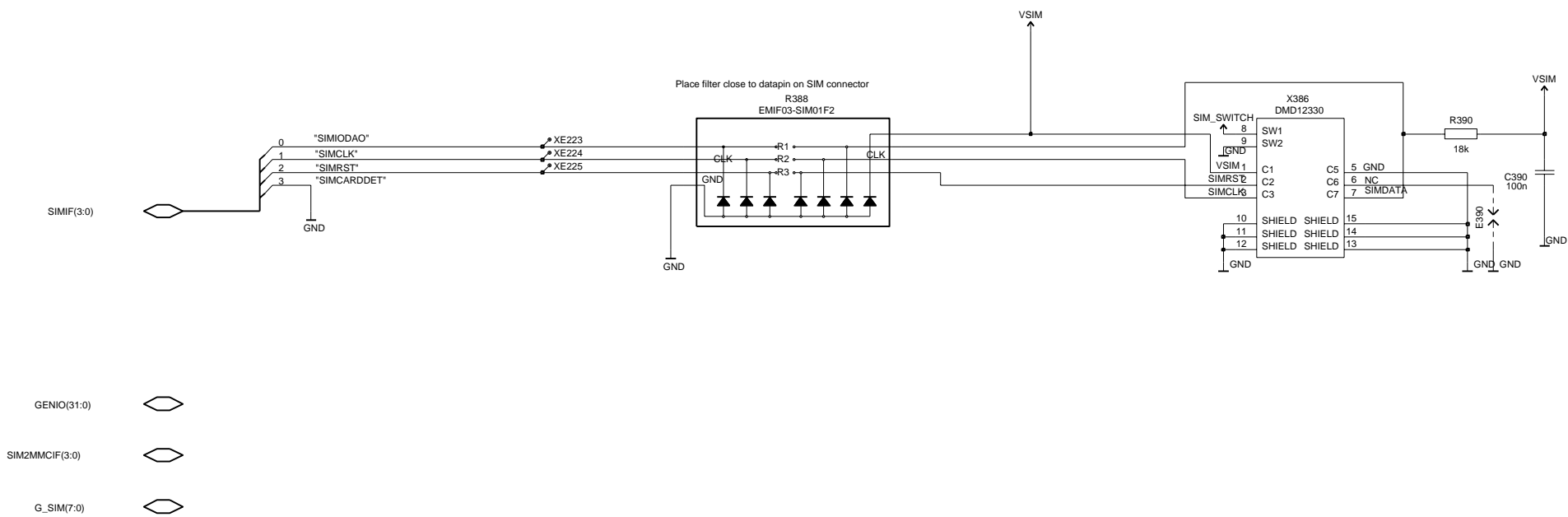


OUT

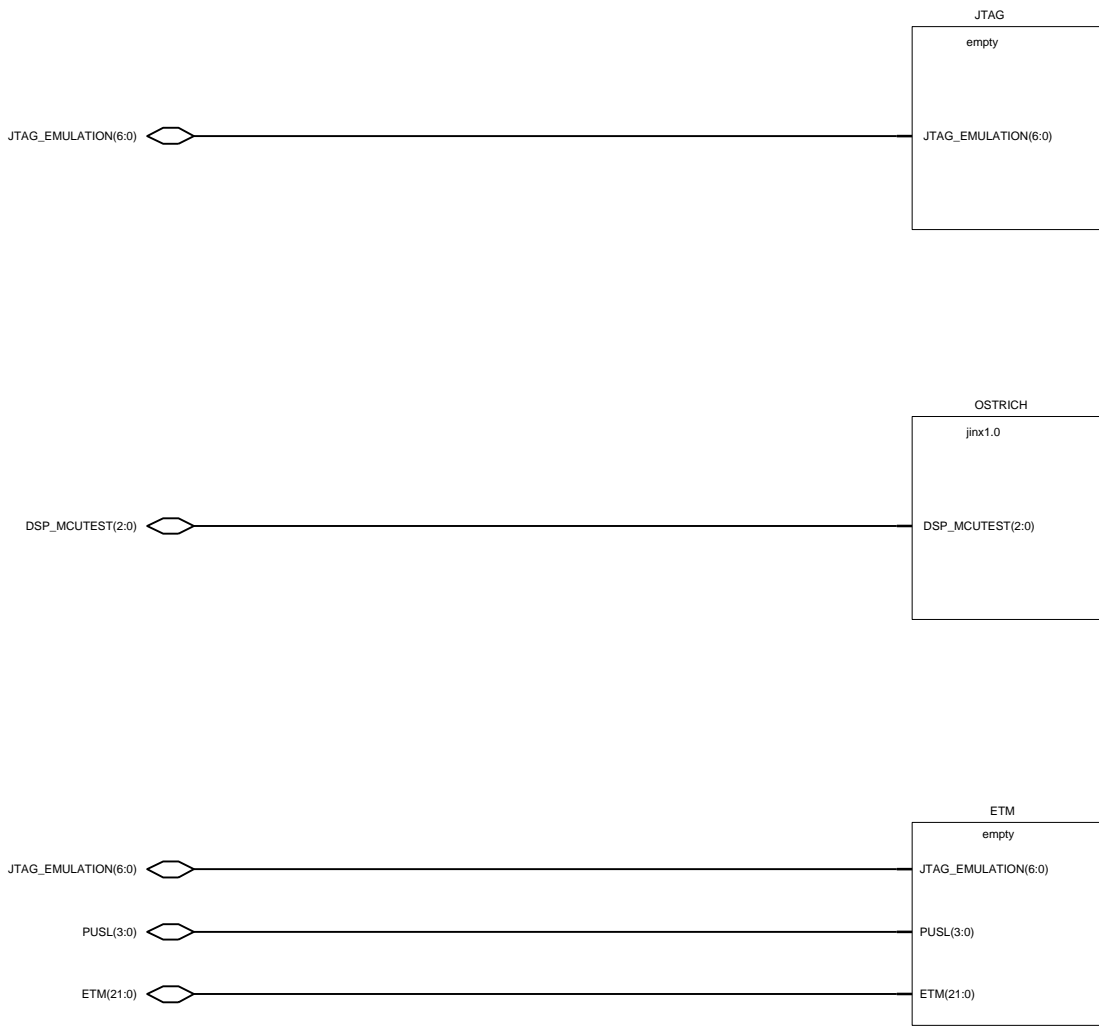


UI

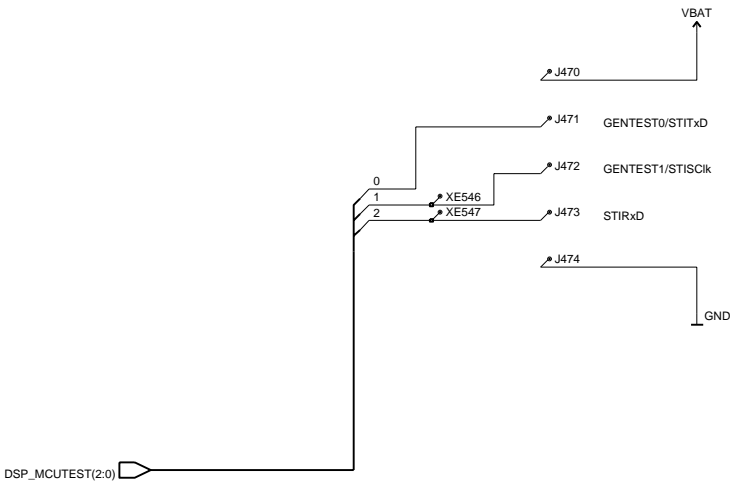


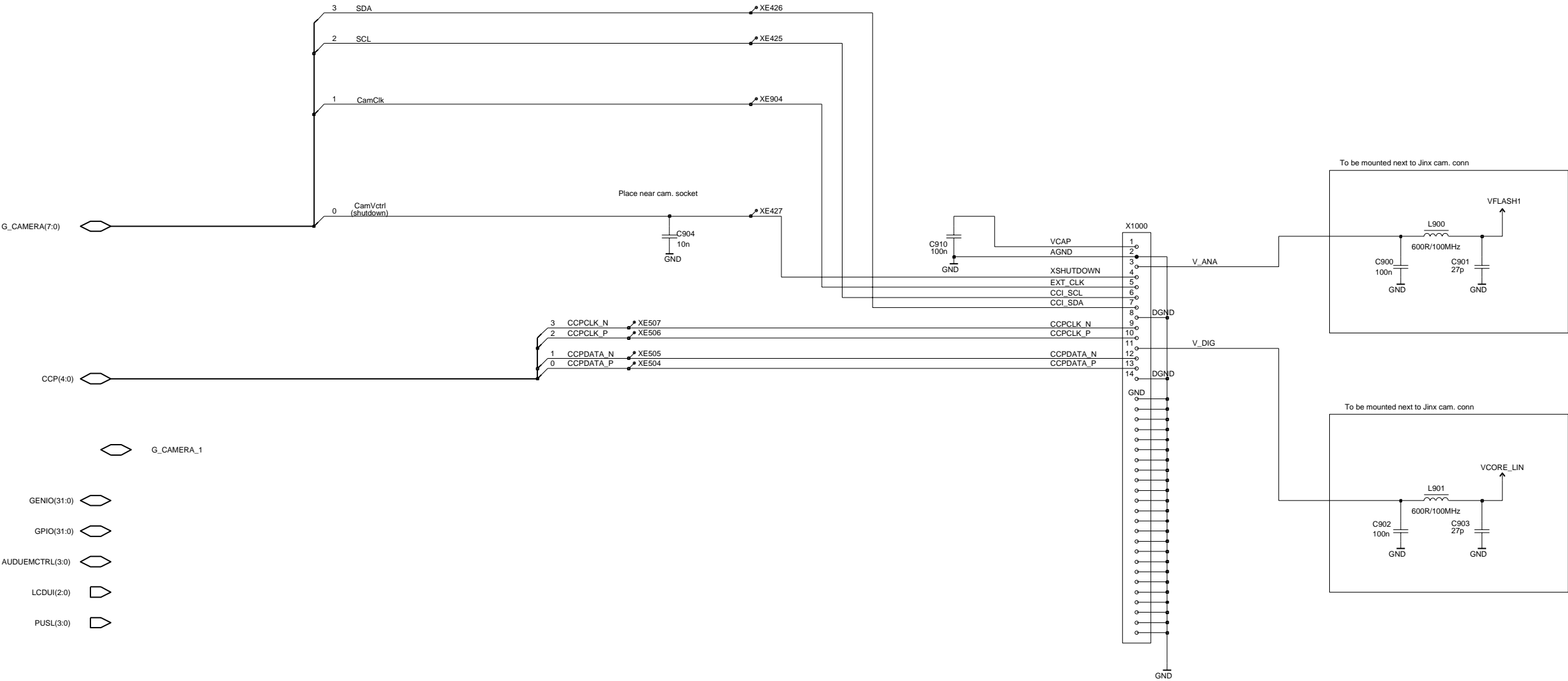
















Test and emulator interface



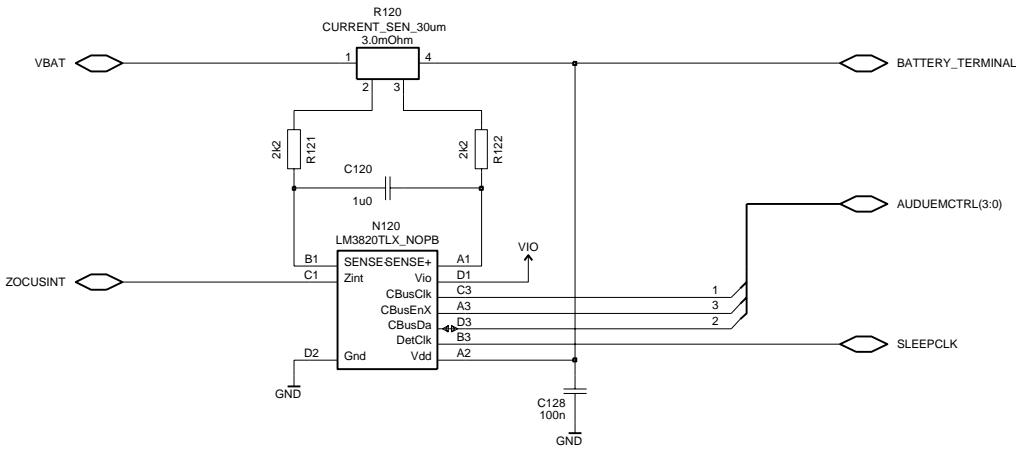
Testpoints based Ostrich interface



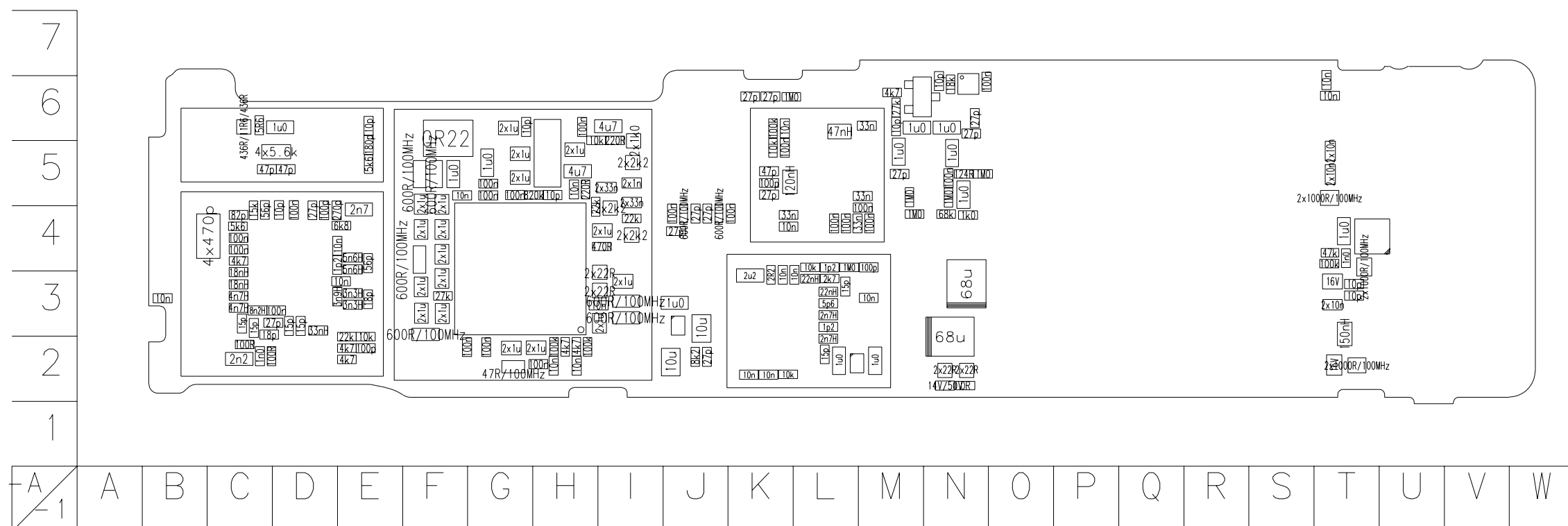
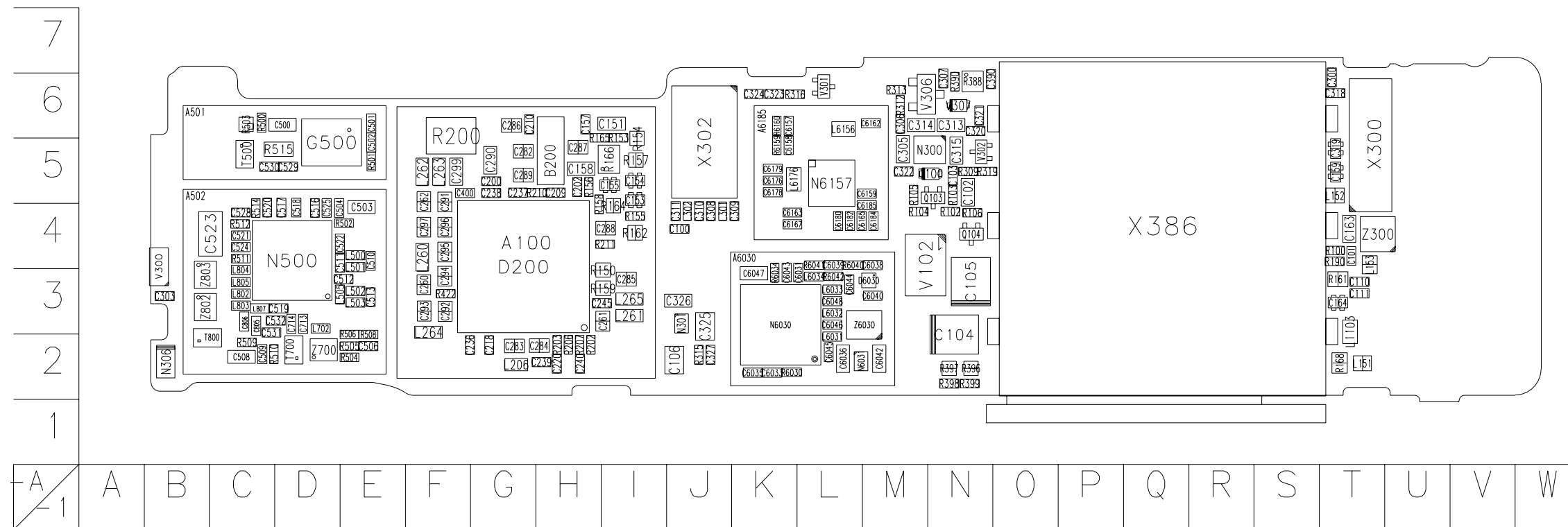


- |   |                  |
|---|------------------|
|  | RFAUX(1:0)       |
|  | UIDRV(5:0)       |
|  | HOOKINT          |
|  | PWRONX           |
|  | IACCDIF(5:0)     |
|  | SIMIF(3:0)       |
|  | MIC(2:0)         |
|  | GENIO(31:0)      |
|  | USB(2:0)         |
|  | APE_GPIO(15:0)   |
|  | IHF(1:0)         |
|  | GPIO(31:0)       |
|  | G_SYS_CONN(11:0) |
|  | USB_DIG(6:0)     |

Current measure



## Layouts, top





## Layouts, bottom

